(b) if so, the details of these projects;

(c) whether it is also a feet that these projects could not make any progress; and

(d) if so, the reasons therefor?

THE MINISTEROF STATE IN THE MINISTRY OF RAILWAYS (SHRI O. RAJAGOPAL): (a) No, Sir.

(b) to (d) Do not arise.

Anti - Collision Device in the Railways

288. SHRIMATI VANGA GEETHA: Will the Minister of RAILWAYS be pleased to state:

(a) whether it is a fact that Indian Railways has developed an Anti-Collision Device (ACD) to avoid collisions;

(b) if so, the details thereof; and

(c) what would be the cost of installation?

THE MINISTER OF STATE IN THE MINISTRY OF RAILWAYS (SHRI O. RAJAGOPAL): (a) Yes, Sir.

(b) The Anti-Collision Devices (ACDs) are microprocessor based communication devices, fitted on locomotives, brake vans and located in stations and level crossings. These give distinct identification to the locomotives and brake vans and using the global positioning system and angular deviation count principle, detect "collision like" situations and initiate application of brakes in the locomotives in a range of 3 kms. The ACDs also help in detecting train partings and initiate warning signals at level crossings. Field trials of ACDs are being undertaken. The ACDs will be considered for provision on Indian Railways on satisfactory performance during the trials and availability of funds.

(c) The total anticipated cost of installation of ACDs on IR is Rs. 1600 crores, approximately.

Linking of Barak Express and Cachar Express with Guwahati Express

289. SHRI KARNENDU BHATTACHARJEE: Will the Minister of RAILWAYS be pleased to state:

(a) whether it is a fact that in a meeting with Members of Parliament from